



*The Commonwealth of Massachusetts*  
*Executive Office of Environmental Affairs*

*Department of Environmental Protection*

*Bureau of Waste Site Cleanup*

*One Winter Street, Boston, Massachusetts 02108*

Daniel S. Greenbaum  
Commissioner

James C. Colman  
Assistant Commissioner

MEMORANDUM

04 00  
Superfund Records Center  
SITE: WINCHESTER INDUSTRIES  
BREAK: 1.02  
OTHER: 627200

To: Helen Waldorf, Branch Chief, BWSC  
Madeline Snow, Division Director, RR

From: Winifred Donnelly *MD* Regional Planner

Date: June 30, 1990

Subject: MSCA Preliminary Assessment Report  
Winchester Industries  
230 Bodwell Street  
Avon, Massachusetts

Attached, please find the Preliminary Assessment (PA) Package for Winchester Industries. This package is to be submitted to the EPA in order to fulfill our commitment to the MSCA grant. Included in this package is EPA form 2070-12, and a narrative summary that includes the site description, facility activity and history, nearby water bodies summary, and the recommendation.

It is recommended that this site be given medium priority status. Although sampling revealed BDL, it is difficult to ascertain groundwater flow direction. The proximity of a possible future water supply source leaves no room for doubts about keeping this water body in a pristine condition.



SEMS DocID 627200

## INTRODUCTION

This Preliminary Assessment is being performed in compliance with the mandates of the Multi Site Cooperative Agreement, for the benefit of the Environmental Protection Agency.

## DESCRIPTION AND HISTORY

The site Winchester Industries, is located at 230 Bodwell Street, Avon, Massachusetts (DEP site number 4-0634). The operations of Winchester Industries have since moved to 491 Main Street in Avon. Efforts to ascertain who the current tenant/owner of the property were curtailed by the town of Avon's assessor's office.

The property is approximately 2 acres in size. It contained two buildings. Building A is a one story structure, approximately 16,000 square feet in size. This structure housed the manufacturing and assembling facility. Building B is the same size as building A. The front portion housed the offices. The rear section was divided between warehouse space for Winchester Industries, and a hardware supplier, the Jaques Company. There is a grassy area between these two buildings. In front of the buildings lie landscaped lawns.

There are no underground fuel storage tanks located on site.

To the rear of the buildings is a fenced enclosed, concrete deck. On the deck is a stainless steel container used for the protection and storage of used lacquer. This deck is also used for the storage of non-hazardous unfinished materials.

The topography slopes gently to the west, towards the rear of the site. The rear of the property is within the 100-500 year flood plain of Beaver Creek.

The site lies in a commercial area of the town. The abutting property to the north is occupied by Thorsen/ Confab, a computer hardware company. To the south is Grossman Cap Company. The lot behind the site to the west is an undeveloped vacant parcel with a small hill comprised of bedrock boulders. Directly across Bodwell Street to the east, are the truck storage and maintenance facilities of Parker Transportation.

## FACILITY ACTIVITY/HISTORY

The site was undeveloped prior to 1972, when the owner of Winchester Industries, Mr. Peter Runton purchased the property from Mr. George Hoag. Construction of building A started in 1972, and construction of building B began in 1979.

The manufacturing process uses metals reported as brass, aluminum and steel. The bright dip method was used to clean the metals. The waste water from this process was treated to remove residual chromium and copper. Acids used for etching were chromic acid and phosphoric acid. Every four to five months, two 55 gallon drums of the phosphoric were used. Sulfuric acid had been used in the past. These materials were stored in the northwest corner of building A. Other hazardous materials used include paints and lacquers, which were stored in a flame retardant locker.

Each week, a degreasing process used 70 gallons of trichloroethene. A fume recovery vent for degreasing was located near the middle of the building. Waste solvent (TCE) was transported off site weekly by Clean Harbors Inc.

No signs of visible contamination was evident on the property grounds, except for minor surficial staining of the bituminous concrete pavement. The staining appears to be caused by local traffic within the parking lot, and not the result of unauthorized releases.

A Notice of Violation was issued by the Department of Environmental Protection, RCRA Section, on May 15, 1985, that pertained to the storage and documentation of hazardous wastes and materials. On September 25, 1987, the agency sent a letter stating that the problem had been satisfactorily addressed. Winchester Industries applied for a change of status from a Large Quantity Generator, to a Small Quantity Generator on 3/8/89. The reason for the change is a new system which was put in place when the operation moved to Main Street. The operator of the current location is Gary Goodine.

No reference of contamination on site was found at the Avon Board of Health or Fire Department.

On 2/3/88, Peter Flink of Kurz Associates made a site visit for the purpose of an interior building inspection. A sweet solvent odor was noted at the time, but was relegated as emitting from an air vent on a neighboring building.

During the same month, observation wells were dug, and groundwater samples were taken. The septic system was also sampled. Chlorinated hydrocarbons were detected in the water samples. Trichlorethene levels were highest in the primary septic holding tank. The solvent must have been disposed of into the system at some time. Traces of toluene, ethylbenzene and xylene were found in the soil.

During June and July of 1988, split spoon, and water samples were taken. Chlorinated solvents and cadmium were found on the site. However, additional sampling revealed levels were BDL.

## WATER SUPPLIES

The nearest water supply source, a supply well for the town of Avon, is situated over a mile away. It lies to the east of the site. Within three miles, three wells for the town of Holbrook are situated.

Also, within two miles, lies the Brockton Reservoir. Although not a water supply at the present time, there are discussions on the potential use of this water body for the City of Brockton. The City of Brockton expects the reservoir to be on line in the Spring of 1991.

Beaver Brook flows into the Brockton Reservoir. The drainage easement on site drains into Beaver Brook.

## RECOMMENDATION

Due to the possibility of Brockton Reservoir being used as a drinking water source, it is recommended that this site be listed for a medium Screening Site Inspection (SSI). Although follow up sampling revealed BDL, the samples were sparse. Groundwater samples were only taken from one well (MW5). It was stated in 8/88, that ground water radiated in all directions from this particular well. It was also stated that groundwater flow is hard to pinpoint because the system is so complex. Therefore MW5 was a poor choice from which to take samples.

Local geological conditions created a complex system for groundwater flow. Ground water in the vicinity of the leaching fields is estimated to radiate in all directions, with a regional flow southward. This complex system calls for additional monitoring.



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MAD 002578417

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Winchester Industries		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 230 Bodwell St.			
03 CITY Avon	04 STATE MA	05 ZIP CODE 02322	06 COUNTY Norfolk	07 COUNTY CODE	08 CONG DIST.
09 COORDINATES LATITUDE 42° 07' 46" N		LONGITUDE 71° 03' 30" W			
10 DIRECTIONS TO SITE (Starting from nearest public road) Take rt. 24 south to Harrison Blvd east exit. Left on Old Pond St. Bodwell St. is second left.					

III. RESPONSIBLE PARTIES

01 OWNER (if known) Mr. Peter Runton		02 STREET (Business, mailing, residential) 491 Main St.			
03 CITY Avon	04 STATE MA	05 ZIP CODE 02322	06 TELEPHONE NUMBER 508 580-1108		
07 OPERATOR (if known and different from owner) Same		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ( )		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Society) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (RCRA 103 d) DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> C. NONE					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 8 / 88 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Society) CONTRACTOR NAME(S): Gale Assoc. 8 School St., Weymouth, MA			
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input checked="" type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1972 1989 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Trichloroethylene detected in groundwater Chlorinated solvents, volatile aromatic compounds, grease & oil found in leaching field					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION The Brockton Reservoir lies 1.1 miles to the south of the site. At present, it is not a drinking water source. However, future use of this water body for drinking water purposes is being discussed.					

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on first available date) <input type="checkbox"/> D. NONE (No further action needed; complete current disposition form)					
VI. INFORMATION AVAILABLE FROM					
01 CONTACT Winifred Donnelly		02 OF (Agency/Organization) DEP		03 TELEPHONE NUMBER 617 556-1018	
04 PERSON RESPONSIBLE FOR ASSESSMENT same		05 AGENCY DEP	06 ORGANIZATION EOEA	07 TELEPHONE NUMBER same	08 DATE 6, 10 90 MONTH DAY YEAR

## CERCLIS DATABASE FORM

DATE: 6/30/90SITE NAME: Winchester IndustriesCERCLIS No. MA 985278670

TDD No. \_\_\_\_\_ PROJECT MANAGER: \_\_\_\_\_

DIRECTIONS TO SITE: take route 24 south to Harrison Boulevard east exit  
Left on Old Pond St. Bodwell St. is the second left.

ELEMENT	CERCLIS CODE (No. of positions)	DESCRIPTION	ENTRY
I. FOR ALL PROJECTS			
State MA	C2(2)	Postal code	<u>02322</u>
Site ID (if available)	C101(12)	Dun & Bradstreet or GSA	_____
Site Name	C104(40)		<u>Winchester Industries</u>
Street Address	C110(25)		<u>230 Bodwell St.</u>
City	C111(25)		<u>Avon, MA</u>
County	*TBD		<u>Norfolk</u>
Ownership	C136(2)	FF = Federally owned ST = State owned CO = County owned DI = District owned IL = Indian lands MI = Mixed ownership UN = Unknown *TBD = Municipally owned *TBD = Privately owned OH = Other	<u>TBD</u>
Years of operation	*TBD	<u>1972 to 1989</u>	_____
FMS Number (if assigned)	C315(4)		_____

## ELEMENT

CERCLIS CODE  
(No. of positions)

## DESCRIPTION

## ENTRY

Recommendation C2103(1)  
of Most Recent  
Project at Site

## For PAs:

H = High = SSI Required  
M = Med. = SSI Recommended  
N = NFRAP = No Further Remedial Action  
Planned

## For SSIs:

R = Recommended for an LSI  
D = Deferred to another authority  
N = NFRAP = No Further Remedial  
Action Planned

## For LSIs:

G = Recommended for an HRS Scoring  
N = NFRAP = No Further Remedial  
Action Planned

M

## Note

C2105(20)

## Abbreviated Comments

Reasons for  
Ineligibility (for  
Sites Determined  
Ineligible under  
CERCLA)

\*TBD

\*TBD = Petroleum contamination only  
\*TBD = Active RCRA facility  
\*TBD = Properly applied pesticide  
\*TBD = Nuclear/radioactive waste  
\*TBD = All other reasons

Agency Responsible  
for Work at Site

C2117(2)

F = EPA, Fund financed  
S = State, Fund financed  
SN = State, no fund financing  
FF = Federal facility  
\*TBD = Responsible Party

S

## ELEMENT

CERCLIS CODE  
(No. of positions)

## DESCRIPTION

## ENTRY

## II. ONLY FOR SITE WITH HRS

Coordinates

\*TBD

Latitude and Longitude

42° 07' Lat.

71° 03' Long.

Type of  
Facility of  
Source

C137(1)

B = Chemical Plant  
 C = City Contamination  
 L = Landfill  
 M = Manufacturing Plant  
 N = Military Facility  
 F = Other Federal Facility  
 T = mines/tailings  
 P = Lagoons  
 A = Abandoned/Midnight dumping

If unknown,  
 Type of Waste  
 Present

R = Radioactive Waste  
 J = Inorganic Waste  
 \*TBD = Organic Waste  
 I = Other Industrial Waste  
 D = Dioxin

If unknown,  
 Type of Receptor  
 Affected

V = Waterways/river  
 H = Housing Area  
 W = Drinking Water Wells  
 \*TBD = Ecological Receptors  
 O = Other TBD

Abstract

C201(240)

Site Description

Site is located in a commercial part of town. Trichloroethylene was detected

in groundwater. Chlorinated solvents, volatile aromatic compounds, grease and  
 oil found in leaching field.

Site Name:  
CERCLIS No.:  
TDD No.:  
Reference No.:

# NPL ELIGIBILITY CHECKLIST

	YES	NO	COMMENTS
Are the wastes onsite considered hazardous, as defined in CERCLA?	<u>X</u>	---	-----
*Sites covered by other authorities:			
Are the hazardous materials at the site solely petroleum products (gasoline, oil, natural gas)?	---	<u>X</u>	-----
Is the contamination at the site caused solely by pesticides that were applied using an accepted practice?	---	<u>X</u>	-----
If the release is into public or private drinking water systems, is it due to deterioration of the system through ordinary use?	---	<u>X</u>	-----
Is the release from products which are part of the structure, and result in exposure within residential, business, or community structures?	---	<u>X</u>	-----
Did the release result in exposure to people solely within a work place?	---	<u>X</u>	-----
Does the facility have an Underground Injection Control permit under the Safe Drinking Water Act?	---	<u>X</u>	-----
Is the release the result of the normal application of fertilizer?	---	<u>X</u>	-----
Does the release involve naturally occurring substances in their unaltered form?	---	<u>X</u>	-----
Does the contamination at the site consist solely of radioactive materials generated by Department of Energy/Atomic Energy Commission activities?	---	<u>X</u>	-----
Is the contamination at the site caused solely by coal mining operations?	---	<u>X</u>	-----
Does the facility have a permit from EPA or the U.S. Army Corps of Engineers (under the Marine Protection, Research, and Sanctuaries Act) to dispose of dredged materials in ocean waters?	---	<u>X</u>	-----

Site Name:  
EPCRA No.:  
TDD No.:  
Reference No.:

	YES	NO	COMMENTS
<b>*Other issues of site definition:</b>			
Is the site defined solely as a contaminated well field?	---	X	-----
Is the site currently owned or operated by a federal agency, or has it been in the past?	---	X	-----
Is the site a municipal landfill?	---	X	-----
-- Check if there is documentation of industrial waste disposed of.			
Does the waste consist of a "special waste" such as fly ash?	---	X	-----
-- Check if there is documentation of a hazardous component to the waste.			
Does the facility have an NPDES permit?	---	X	-----
Check if the facility has a history of permit violations.			
Is the facility subject to ambient air quality standards under the Clean Air Act?	---	X	-----
Does the facility have a permit under the Clean Air Act?	---	X	-----
<b>*RCRA status</b>			
Has the facility notified as a RCRA generator?	X	---	-----
Has the facility ever had RCRA interim status or a RCRA permit?	X	X	-----
If yes, check any that apply:			
X The facility is a small quantity generator.			
-- The facility is a "non-notifier" or "protective filer" (identified as such by EPA or the state).			

Site Name:  
CERCLIS No.:  
TDD No.:  
Reference No.:

\*RCRA status (continued)

-- The owner of the facility is bankrupt,  
or the owner has filed for protection  
under bankruptcy laws (if known). ---

-- A RCRA compliance order or notice  
of violation has been issued for the  
facility at some time. X

The order or notice concerned:

- conditions that posed a hazard (i.e.  
a release of contamination to the  
environment) OR ---

- administrative violations (i.e.  
recordkeeping or financial  
requirements). X

-- Some RCRA enforcement action is  
currently pending at the facility. ---

-- A RCRA permit has been denied or  
interim status has been revoked  
for the facility. ---

The permit or interim status  
was revoked:

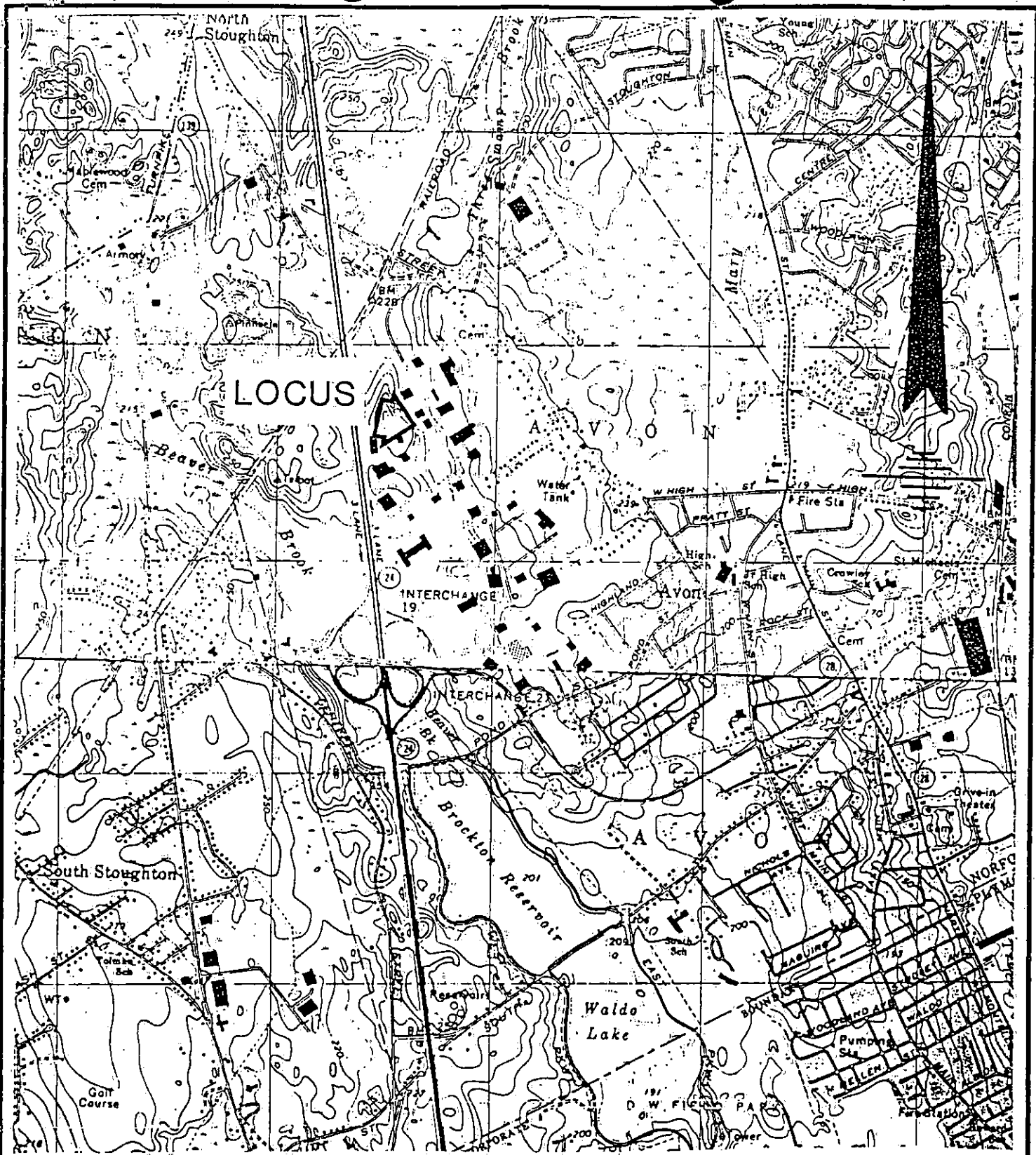
-because of conditions at the facility  
that posed a hazard OR ---

-because the facility failed to meet an  
administrative requirement (i.e.,  
failed to file an acceptable  
Part B permit application). ---

-- A closure plan has been requested or  
submitted for the facility  
under RCRA. ---

-- A closure plan has been approved for  
the facility under RCRA. ---

-- The facility is closed and currently  
monitoring under RCRA regulations. ---



GALE ASSOCIATES, INC

8 School Street  
Weymouth, MA 02189

LOCUS PLAN

230 Bodwell Street, Avon, Massachusetts

DATE: 6/22/88

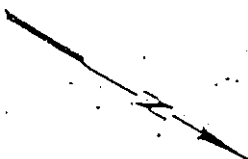
SCALE: 1" = 2083'

DRAWN: TW

CHECKED: IS


JOB NO.: 5045-1

FIGURE 1




BOOMERS INDUSTRIAL  
CATERERS

LEGEND

B-1  - BORING LOCATION & NO.

OC.B. - CATCH BASIN

----- - SITE BOUNDARY

LF-1S  - LEACHING FIELD HOLDING TANKS

EXIST

GROSSMAN CAP CO., INC.

GAS

BODWEL

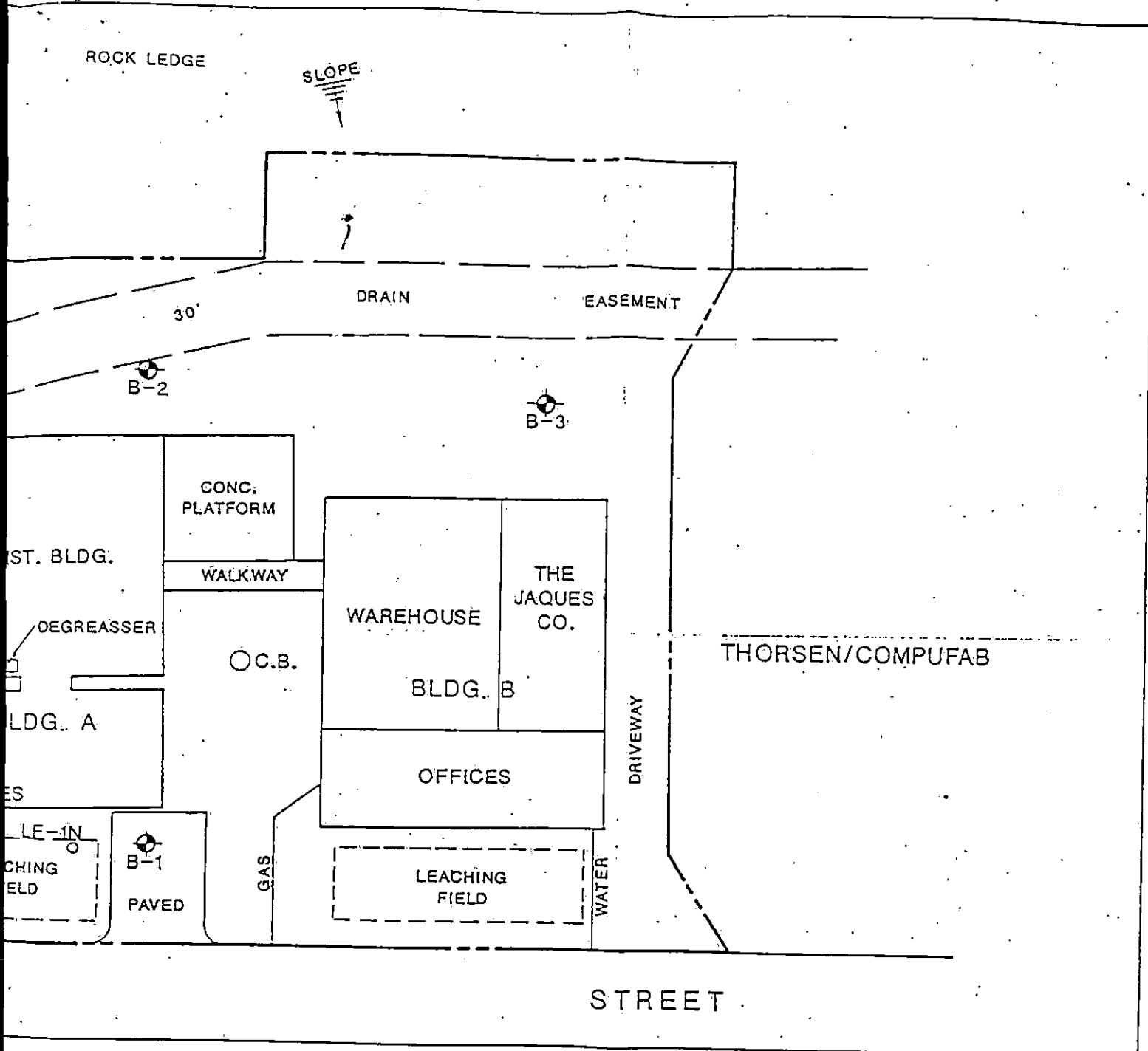
QUALITY  
CARPETS

ROADWAY EXPRESS

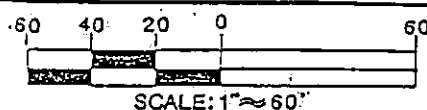
Kurz Associates, Inc.

MAY 3, 1988

DRAWN BY: R.N.C.



PARKER TRUCKING



APPROVED BY: P.J.F.

NO: 1333

SITE PLOT PLAN  
WINCHESTER INDUSTRIES, INC.  
230 BODWELL STREET,  
AVON, MASSACHUSETTS

FIGURE 2